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? begin 5,6,55,154,155,156,312,399,biotech,biosci
>>>      135 is unauthorized
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Set Items Description

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Processed 20 of 34 files ...

Processing

Completed processing all files

900918 RE

5248041 CIRCULAT?

2202 RE(N)CIRCULAT?

92 RE-CIRCULAT?

60161 OXYGENATED

S1 10 (RE (N) CIRCULAT? OR RE-CIRCULAT?) (5N) OXYGENATED

? rd s1

...completed examining records

S2 8 RD S1 (unique items)

? d s2/3/1-8

Display 2/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0014593428 BIOSIS NO.: 200300562147

Perfusion apparatus and methods for pharmaceutical delivery

AUTHOR: Tryggvason Karl (Reprint); Lukkarinen Olavi; Heikkila Pirkko;

Parpala Teija

AUTHOR ADDRESS: Djureholm, Sweden**Sweden

JOURNAL: Official Gazette of the United States Patent and Trademark Office

Patents 1275 (4): Oct. 28, 2003 2003

MEDIUM: e-file

PATENT NUMBER: US 6638264 PATENT DATE GRANTED: October 28, 2003 20031028

PATENT CLASSIFICATION: 604-500 PATENT ASSIGNEE: Biostratum Incorporation,

Durham, NC, USA PATENT COUNTRY: USA

ISSN: 0098-1133 (ISSN print)

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 2/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0005133901 BIOSIS NO.: 198681097792

XENO AND AUTO-PERFUSION OF RABBIT KIDNEY MACHINE PERFUSION WITH BLOOD AT 37

CELSIUS

AUTHOR: JORGENSEN K A (Reprint); KEMP E; BARFORT P; STARKLINT H; LARSEN S;

JACOBSEN I A; DIEPERINK H; FRIFELT J J; MUNK-ANDERSEN G

AUTHOR ADDRESS: RULKEDALEN 10, DK-5260 ODENSE S, DENMARK**DENMARK

JOURNAL: Acta Pathologica Microbiologica et Immunologica Scandinavica

Section A Pathology 93 (6): p305-310 1985

ISSN: 0108-0164

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

- end of record -

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Display 2/3/3 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2004 The Dialog Corp. All rts. reserv.

05125550 86126159 PMID: 3911730

Xeno- and auto-perfusion of rabbit kidney. Machine perfusion with blood at 37 degrees C.

Jorgensen K A; Kemp E; Barfort P; Starklint H; Larsen S; Jacobsen I A; Dieperink H; Frifelt J J; Munk-Andersen G

Acta pathologica, microbiologica, et immunologica Scandinavica. Section A, Pathology (DENMARK) Nov 1985, 93 (6) p305-10, ISSN 0108-0164

Journal Code: 8206622

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

- end of record -

?

Display 2/3/4 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2004 Inst for Sci Info. All rts. reserv.

09857790 Genuine Article#: 459ER No. References: 17

Title: A novel column fermentor having a wetted-wall of perfluorocarbon as an oxygen carrier

Author(s): Takeshi G (REPRINT) ; Gaku M; Ken-Ichi K

Corporate Source: Akita Univ, Dept Mat Proc Engn & Appl Chem Environm, 1-1

Tegata/Akita 0108502//Japan/ (REPRINT); Akita Univ, Dept Mat Proc Engn &

Appl Chem Environm, Akita 0108502//Japan/

Journal: BIOCHEMICAL ENGINEERING JOURNAL, 2001, V8, N2 (SEP), P165-169

ISSN: 1369-703X Publication date: 20010900

Publisher: ELSEVIER SCIENCE SA, PO BOX 564, 1001 LAUSANNE, SWITZERLAND

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 2/3/5 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2004 Elsevier Science B.V. All rts. reserv.

11255815 EMBASE No: 2001271499

A novel column fermentor having a wetted-wall of perfluorocarbon as an oxygen carrier

Gotoh T.; Mochizuki G.; Kikuchi K.-I.

T. Gotoh, Dept. of Mat. Process Engineering, Akita University, 1-1

Tegata, Akita 010-8502 Japan

AUTHOR EMAIL: tgotoh@ac5.as.akita-u.ac.jp

Biochemical Engineering Journal (BIOCHEM. ENG. J.) (Netherlands) 2001

, 8/2 (165-169)

CODEN: BEJOF ISSN: 1369-703X

PUBLISHER ITEM IDENTIFIER: S1369703X01001103

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 17

- end of record -

?

Display 2/3/6 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2004 Elsevier Science B.V. All rts. reserv.

03266629 EMBASE No: 1986064206

Xeno- and auto-perfusion of rabbit kidney. Machine perfusion with blood at 37degreeC

Jorgensen K.A.; Kemp E.; Barfort P.; et al.

Laboratory of Nephropathology, Odense University Hospital, DK-5260 Odense S Denmark

Acta Pathologica Microbiologica et Immunologica Scandinavica - Section A
Pathology (ACTA PATHOL. MICROBIOL. IMMUNOL. SCAND. SECT. A PATHOL.) (Denmark) 1985, 93/6 (305-310)
CODEN: ACPAD
DOCUMENT TYPE: Journal
LANGUAGE: ENGLISH

- end of record -

?

Display 2/3/7 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2004 Thomson Derwent & ISI. All rts. reserv.

0299279 DBR Accession No.: 2003-01063 PATENT
Effective delivery of viral vector gene therapy pharmaceuticals to a mammalian organ, especially mammalian lung tissue, by contacting the organ with the pharmaceutical in **re-circulating, oxygenated** perfusate solution - adeno virus vector-mediated beta-galactosidase gene transfer and expression in pig organ for lung disorder gene therapy
AUTHOR: TRYGGVASON K; PARPALA-SPARMAN T; LUKKARINEN O; KORTTEINEN P
PATENT ASSIGNEE: TRYGGVASON K; PARPALA-SPARMAN T; LUKKARINEN O; KORTTEINEN P 2002
PATENT NUMBER: US 20020062121 PATENT DATE: 20020523 WPI ACCESSION NO.: 2002-607104 (200265)
PRIORITY APPLIC. NO.: US 4161 APPLIC. DATE: 20011115
NATIONAL APPLIC. NO.: US 4161 APPLIC. DATE: 20011115
LANGUAGE: English

- end of record -

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Display 2/3/8 (Item 1 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2004 CAB International. All rts. reserv.

01879378 CAB Accession Number: 872431933
The fertilizer value of cattle slurries treated aerobically or anaerobically.
Original Title: Valore fertilizzante di effluenti bovini trattati con procedimento aerobico e anaerobico.
Vigano, P.; Bozza, E.
Istituto di Chimica Agraria, Universita degli Studi, Milan, Italy.
Genio Rurale vol. 49 (12): p.49-53
Publication Year: 1986
ISSN: 0016-6863 --
Language: Italian
Document Type: Journal article

- end of display -

? d s2/9/6

Display 2/9/6 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

03266629 EMBASE No: 1986064206
Xeno- and auto-perfusion of rabbit kidney. Machine perfusion with blood at 37degreeC
Jorgensen K.A.; Kemp E.; Barfort P.; et al.
Laboratory of Nephropathology, Odense University Hospital, DK-5260 Odense S Denmark
Acta Pathologica Microbiologica et Immunologica Scandinavica - Section A
Pathology (ACTA PATHOL. MICROBIOL. IMMUNOL. SCAND. SECT. A PATHOL.) (Denmark) 1985, 93/6 (305-310)

CODEN: ACPAD
DOCUMENT TYPE: Journal
LANGUAGE: ENGLISH

Five rabbit kidneys were perfused with human blood and another five with their own blood in a **re-circulating oxygenated** system at 37degreeC. The flow decreased to 2 ml/min. within 30 min. in all

-more-

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Display 2/9/6 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2004 Elsevier Science B.V. All rts. reserv.

xenoperfusions, while none of the autoperfused had decreased to this level by 60 min. Endothelial damage, exudation, and IgG deposits along the basement membrane of the glomerular capillaries were the discriminative features of the xenoperfusion. In these experiments, we were unable to demonstrate any major role of platelets in the process leading to decreased blood flow.

DRUG DESCRIPTORS:

immunoglobulin g

MEDICAL DESCRIPTORS:

*glomerulus; *kidney perfusion

blood flow; endothelium; histopathology; immunofluorescence; rabbit; thrombocyte; priority journal; histology; cytology; etiology; animal experiment; animal cell; nonhuman; kidney; blood and hemopoietic system

MEDICAL TERMS (UNCONTROLLED): autoperfusion; xenoperfusion

CAS REGISTRY NO.: 97794-27-9 (immunoglobulin g)

SECTION HEADINGS:

-more-

? s gene (n) therap? and perfusate (5n) oxygenated

Processing

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Processing

Processed 20 of 34 files ...

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6766278 GENE

10924225 THERAP?

246822 GENE(N)THERAP?

52906 PERFUSATE

60161 OXYGENATED

226 PERFUSATE(5N)OXYGENATED

S3

3 GENE (N) THERAP? AND PERFUSATE (5N) OXYGENATED

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Display 3/3/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

126065487 CA: 126(5)65487d PATENT

Method for delivery of viral vector gene therapy pharmaceuticals

INVENTOR(AUTHOR): Tryggvason, Karl; Lukkarinen, Olavi; Heikkilae, Pirkko;

Parpala, Teija

LOCATION: Finland

ASSIGNEE: Tryggvason, Karl; Lukkarinen, Olavi; Heikkilae, Pirkko;

Parpala, Teija

PATENT: PCT International ; WO 9636363 A1 DATE: 19961121

APPLICATION: WO 96IB463 (19960516) *US 442189 (19950516)

PAGES: 28 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-048/00A;

C12N-015/86B DESIGNATED COUNTRIES: AM; AT; AU; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LT; LU; LV; MD; MG; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ;

TM; TT DESIGNATED REGIONAL: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT
; LU; MC; NL; PT; SE

- end of record -

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Display 3/3/2 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2004 Thomson Derwent & ISI. All rts. reserv.

0299279 DBR Accession No.: 2003-01063 PATENT
Effective delivery of viral vector **gene therapy** pharmaceuticals
to a mammalian organ, especially mammalian lung tissue, by contacting
the organ with the pharmaceutical in re-circulating, **oxygenated**
perfusate solution - adeno virus vector-mediated
beta-galactosidase gene transfer and expression in pig organ for lung
disorder **gene therapy**
AUTHOR: TRYGGVASON K; PARPALA-SPARMAN T; LUKKARINEN O; KORTTEINEN P
PATENT ASSIGNEE: TRYGGVASON K; PARPALA-SPARMAN T; LUKKARINEN O;
KORTTEINEN P 2002
PATENT NUMBER: US 20020062121 PATENT DATE: 20020523 WPI ACCESSION NO.:
2002-607104 (200265)
PRIORITY APPLIC. NO.: US 4161 APPLIC. DATE: 20011115
NATIONAL APPLIC. NO.: US 4161 APPLIC. DATE: 20011115
LANGUAGE: English

- end of record -

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Display 3/3/3 (Item 2 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2004 Thomson Derwent & ISI. All rts. reserv.

0206339 DBR Accession No.: 97-01460 PATENT
New viral vector *****gene***** *****therapy***** delivery method - new virus- e.g.
adeno virus vector-mediated gene transfer method and gene expression in
mammal kidney, liver, mamma, spleen, lung and blood vessel for ex vivo
and in vivo **gene therapy**
AUTHOR: Tryggvason K; Lukkariinen O; Heikkila P; Parpala T
CORPORATE SOURCE: Oulu, Finland.
PATENT ASSIGNEE: Tryggvason K; Lukkariinen O; Heikkila P; Parpala T 1996
PATENT NUMBER: WO 9636363 PATENT DATE: 961121 WPI ACCESSION NO.:
97-020793 (9702)
PRIORITY APPLIC. NO.: US 442189 APPLIC. DATE: 950516
NATIONAL APPLIC. NO.: WO 96IB463 APPLIC. DATE: 960516
LANGUAGE: English

- end of display -

? e au=tryggvason, karl

| Ref | Items | Index-term |
|-----|-------|-----------------------------------|
| E1 | 1 | AU=TRYGGVASON, J. |
| E2 | 53 | AU=TRYGGVASON, K. |
| E3 | 265 | *AU=TRYGGVASON, KARL |
| E4 | 1 | AU=TRYGGVASON, KARL<CRF RID="C1"> |
| E5 | 8 | AU=TRYGGVASON, KRISTIAN |
| E6 | 1 | AU=TRYGGVASON, KRISTJAN |
| E7 | 1 | AU=TRYGGVASON, N. |
| E8 | 1 | AU=TRYGGVASON, O. K. |
| E9 | 1 | AU=TRYGGVASON, RETAR |
| E10 | 1 | AU=TRYGGVASON, S. |
| E11 | 2 | AU=TRYGGVASON, T. |
| E12 | 5 | AU=TRYGGVASSON K |

Enter P or PAGE for more

? e au=tryggvason k

| Ref | Items | Index-term |
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| E1 | 2 | AU=TRYGGVASON H K |
| E2 | 1 | AU=TRYGGVASON J |
| E3 | 1107 | *AU=TRYGGVASON K |
| E4 | 1 | AU=TRYGGVASON K L |
| E5 | 335 | AU=TRYGGVASON K. |
| E6 | 1 | AU=TRYGGVASON KARI |
| E7 | 455 | AU=TRYGGVASON KARL |
| E8 | 2 | AU=TRYGGVASON KARY |
| E9 | 10 | AU=TRYGGVASON KRISTIAN |
| E10 | 1 | AU=TRYGGVASON KRISTJAN |
| E11 | 1 | AU=TRYGGVASON R |
| E12 | 7 | AU=TRYGGVASON S |

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? e au=lukkarinen, olavi

| Ref | Items | Index-term |
|-----|-------|---------------------------|
| E1 | 1 | AU=LUKKARINEN, MIKKO |
| E2 | 23 | AU=LUKKARINEN, O. |
| E3 | 16 | *AU=LUKKARINEN, OLAVI |
| E4 | 1 | AU=LUKKARINEN, OLAVI A |
| E5 | 2 | AU=LUKKARINEN, PEKKA |
| E6 | 16 | AU=LUKKARINEN, S. |
| E7 | 1 | AU=LUKKARINEN, SAKARI |
| E8 | 4 | AU=LUKKARINEN, T. |
| E9 | 1 | AU=LUKKARINEN, T. ET AL |
| E10 | 1 | AU=LUKKARINEN, TIMO |
| E11 | 11 | AU=LUKKARINEN, TOIMI |
| E12 | 1 | AU=LUKKARINEN, TOIMI EMIL |

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? e au=lukkarinen olavi

| Ref | Items | Index-term |
|-----|-------|----------------------|
| E1 | 6 | AU=LUKKARINEN O.A. |
| E2 | 6 | AU=LUKKARINEN OA |
| E3 | 76 | *AU=LUKKARINEN OLAVI |
| E4 | 9 | AU=LUKKARINEN S |
| E5 | 5 | AU=LUKKARINEN S. |
| E6 | 4 | AU=LUKKARINEN SAKARI |
| E7 | 3 | AU=LUKKARINEN T |
| E8 | 1 | AU=LUKKARINEN TS |
| E9 | 4 | AU=LUKKARINEN U |
| E10 | 2 | AU=LUKKARINEN U. |
| E11 | 2 | AU=LUKKARINEN ULLA |
| E12 | 3 | AU=LUKKARINEN, A |

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S4 76 AU='LUKKARINEN OLAVI'

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76 S4

60161 OXYGENATED

S5 2 S4 AND OXYGENATED

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Display 5/3/1 (Item 1 from file: 5)

DIALOG(R) File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0014593428 BIOSIS NO.: 200300562147

Perfusion apparatus and methods for pharmaceutical delivery
AUTHOR: Tryggvason Karl (Reprint); **Lukkarinen Olavi**; Heikkila Pirkko;
Parpala Teija
AUTHOR ADDRESS: Djureholm, Sweden**Sweden
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1275 (4): Oct. 28, 2003 2003
MEDIUM: e-file
PATENT NUMBER: US 6638264 PATENT DATE GRANTED: October 28, 2003 20031028
PATENT CLASSIFICATION: 604-500 PATENT ASSIGNEE: Biostratum Incorporation,
Durham, NC, USA PATENT COUNTRY: USA
ISSN: 0098-1133_(ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 5/3/2 (Item 1 from file: 55)
DIALOG(R)File 55:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014593428 BIOSIS NO.: 200300562147
Perfusion apparatus and methods for pharmaceutical delivery
AUTHOR: Tryggvason Karl (Reprint); **Lukkarinen Olavi**; Heikkila Pirkko;
Parpala Teija
AUTHOR ADDRESS: Djureholm, Sweden**Sweden
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1275 (4): Oct. 28, 2003 2003
MEDIUM: e-file
PATENT NUMBER: US 6638264 PATENT DATE GRANTED: October 28, 2003 20031028
PATENT CLASSIFICATION: 604-500 PATENT ASSIGNEE: Biostratum Incorporation,
Durham, NC, USA PATENT COUNTRY: USA
ISSN: 0098-1133_(ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

- end of display -

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